

Some species of Coelenterata of the Devonian
of the Central and Eastern Regions of the
Russian Platform, by K. A. Bredkova,
RUSSIAN, per, Tr. Vses. Nauchno-Issled.
Geolograzveduchnogo Merit. Inst., Vol
XVI, 1960, pp 69-106.
ALL RTS 3165
(On Loan or Purchase)

Sci-ear Sci
Apr 67

322,933

Correlation of the Middle Devonian of the Urals
and Altai With the Aid of Tetracorals, by M. Ya.
Spassky.

RUSSIAN, per, Trudy Vostok Paleontologicheskoy
Sbornik, Vol. CLIV, pp 78-83.

Dept of Interior
GE3 E57 No 98

215,927

Sci - Geophys
Oct 62

SEP 61

Stratigraphical Distribution of Gastropodes in
the Ordovician of the Baltic Region, by
V. A. Vostokova, 9 pp.

RUSSIAN, per, VNIIGRI, Sbornik Statei, 1955,
pp 301-308.

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QE3 E57 No 54

Sci - Geophysics
Sep 61

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Leyshunov, P. A.
GEOCHEMICAL WELL LOGGING. [1961] 3p.
Order from ATS \$3.50 ATS-86NSOR

Trans. of Vsesoyuz[ny] Nauch[no-Issledovatel'skii]
Geologo-Razvedki[ny] Ned[ynoi] Institut, Moscow].
Trudy (USSR) 1959, v. 17, p. 259-262.

DESCRIPTORS: *Well logging, *Geochemistry.

(Engineering, TT, v. 6, no. 8)

61-22929

- I. Leyshunov, P. A.
- II. ATS-86NSOR
- III. Associated Technical
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Orange, N. J.

185175

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Yermakova, K. A.
GENUS BREVISEPTORHYLLUM YERMAKOVA GEN.
N. BREVISEPTORHYLLUM KOCHANENSIS
YERMAKOVA SP. N., tr. by G. Rabchevsky.
22 Sep 60 [4]p.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15079

Unedited trans. of Vses[oyunnyy] Nauch[no]-
Issled[ovatel'skiy] Geol[ogo-Razvedochnyy] Nefte[yanoy]
Institut[Moscow]. Trudy (USSR) 1960, v. 16, p. 85-86.

(Earth Sciences--Geology, TT, v. 5, no. 5)

61-15079

- I. Paleocology--USSR
- I. Yermakova, K. A.
- II. Geological Survey,
Washington, D. C.

147,122

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Senkevich, M. A.

NEW DATA ON THE FOSSIL FAUNA AND FLORA
OF PALEOZOIC, MESOZOIC, AND CENOZOIC
ROCKS OF THE RUSSIAN PLATFORM, THE
CRIMEA, AND CENTRAL ASIA: FOSSIL PLANTS
OF THE UPPER DEVONIAN OF THE TIMAN
AREA. Paleontological Symposium (no. 3). 6 Dec 60
[27p] (figs omitted) 19 refs
Order from OTS or SLA \$2.60

61-15894

Trans. of [Vsesoyuznyi Nauchno-Issledovatel'skii
Geologo-Razvedochnyi Nedrnyy Institut, Moscow.
Trudy] (USSR) 1960, v. 16 [p. 107-123].

DESCRIPTORS: "Paleontology, Animals, Plants
(Botany), Rock (Geology), Stratigraphy, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 12)

61-15894

- I. Senkevich, M. A.
- II. Title: Fossil ...
- III. Title: Paleontological ...
- IV. Geological Survey of
Canada

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Dobkina, Ye. N.
WELDING OF BRASS WITH ACETYLENE SUB-
STITUTE (Svarka Latun Zamestelyami Asetilena).
Feb 61 [3]p. RTS 1691.
Order from LC or SLA m\$1.80, ph\$1.80 61-15742

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Institut Avtogennykh Obrabotki Metallov. (Trudy USSR)
1957, v. 4, p. 160-161.

151981

(Machinery--Manufacturing, TT, v. 5, no. 9)

61-15742

1. Brass--Welding
2. Methanes--Applications
3. Acetylenes--Substitutes
- I. Dobkina, Ye. N.
- II. RTS-1691
- III. Department of Scientific
and Industrial Research
(Ot. Brk.)

Office of Technical Services

Investigation of the Crystal Structure and
Mechanical Properties of Synthesis Anthophyllite
Alloys After Heat and Acid Treatments, by V. V.
Arshinov, et al. USSR

Abstract, for, Trans. Acad. Sci. USSR Div.
Mineralog., 1967, No 125, pp 62-72.

RAM 810

Sci - Chem
Nov 58

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61-13466

Knipper, N. V.
 USE OF HIGH-FREQUENCY CURRENTS FOR GRAIN
 DRYING, tr. by E. Harris. [1961] [12]p. 2 refs.
 NIAE Trans. 85; [DSIR NLL] M 1915.
 Order from OTS or SLA \$1.60 61-13466

Trans. of [Vsesoyuzni] Nauch[no-issledovatel'skii
 Institut] Elektrif[ikatsii] Sel'skogo Khoz[yaystva].
 Nauch[nye] Trudy [USSR] 1956, v. 2, p. 185ff; re-
 print from Journal of Agricultural Engineering Re-
 search, (Gr. Brit.) 1959, v. 4, no. 4.

DESCRIPTORS: *Wheat, *Seeds, *Cereals, Dehydra-
 tion, *High frequency, Frequency, *Electric currents,
 Effectiveness, Drying ovens, Heating, *Induction
 heating.

Use of a high-frequency current provides rapid heating
 (Agriculture, TT, v. 7, no. 7) (over)

- I. Knipper, N. V.
- II. NIAE Trans-85
- III. DSIR NLL M. 1915
- IV. National Inst. of Agricul-
 tural Engineering
 (Gr. Brit.)

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Basic Construction Principles of the RER-2
Analog-Digital Computer, by S. A. Ginzburg, 15 pp.
RUSSIAN, per, Trudy. Vsesoyznogo Nauchno-Issledovatel'skogo Instituta Elektronenergi, No 18, 1964, pp 88-98. FI00150768-V
FTD-MT-66-161

Sci-Elec
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Virtual Aqueous System ~~XXXXXXXXXXXX~~
~~K₂SO₄ + HgCl₂ → 2NaCl + K₂SO₄~~, 20 pp. by
A. D. Bel'sh.

QUESTIONS, part, When Neuch-Island Inst. California,
Trudy, Vol XXI, 1949, pp 160-185.

ATS-72408
ATS/RJ-2554

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Zdanovskii, A. B.
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[1963] 11p
Order from ATS \$12.65 ATS-59Q72R

Trans. of Vses[oyuzny] Nauchn[o]-Issled[ovatel'skii]
Inst[itut] Khimii i Fiziki (USSR) 1949, v. 21,
p. 359-370.

DESCRIPTORS: *Solutions, Chemical properties,
Physical properties.

(Chemistry, TT, v. 11, no. 4)

TT-63-22960

- I. Zdanovskii, A. B.
- II. ATS-59Q72R
- III. Associated Technical
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East Orange, N. J.

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Evaporation From Ice and Snow Surfaces, by Ia. I.
Tychino.

RUSSIAN, per, Trudy Vses Nauch-Issledov Inst Galurgii,
Vol III, 1955, pp 310-321.

*PL 480
Foreign Sv.

Sci - *Suppl*
Apr 61

63-12276

Serowy, F.
HYDROCHLORIC ACID SYSTEMS OF POTASSIUM,
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Order from ATS \$18.40 ATS-19P64it

Trans. of Vses[oyuzny] Nauchn[o]-Issled[ovatel'ski]
Inst[itut] Galurgii. Tr[udy] (USSR) 1959, v. 36,
p. 136-159.

DESCRIPTORS: *Hydrochloric acid, *Potassium com-
pounds, *Sodium compounds, *Magnesium compounds,
Chlorides.

(Chemistry--Inorganic, TT, v. 9, no. 2)

I. Serowy, F.
II. ATS-19P64R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Layout of Disjunctive Dislocations by the Method
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Y. A. Kornev.
RUSSIAN, per, Trudy Vses Nauchno-Issled Inst
Geofizika, No 29, 1959, pp 14-35.
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Sci-Earth Sci & Astron
April 64

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Upper-Cambrian Trilobites and Brachiopods
of Koshchev-Kulya (North-Eastern Kazakhstan),
by E. V. Lermontova.
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ALL ITS 3130

Sci-A Sci
Aug 66

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Role of Oxygen in Petroleum Transformation
Processes in Nature, by P. F. Andreev,
31 pp.

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CFSTI TT 68-50605

Sci/phys
Feb 70

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Granulites and Certain Other Elements in the
Red-colored Paleozoic Deposits of the
Northern Tien Shan, by N. A. Grigor'ev,
V. I. Kozlov, et al.
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Geol. Inst, No 95, 1963, pp 141-148.
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Sci/Chemistry
May 66

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Function of Oxygen in Petroleum Transformation
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RUSSIAN, per. Trudy Vsesoyuznogo Nauchno-Issledovatel'skogo
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Geokhicheskii sbornik, 6, 1950, pp 126-151.

*CPSTI TT 68-50605

Sol/Chem
May 68

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RUSSIAN, per, Trudy VNIGRI Paleontologicheskoy
Sbornik, Vol. CLIV, pp 73-83.

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GE3 E57 No 98

Sci - Geophys
Oct 62

New Species of Devonian Rugose Corals From the
Russian Platform, by K. A. Ernakova.

RUSSIAN, par, Trudy Vses Nauch-Issledovatel'skiy
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pp 100, 170-172, Moscow, 1957.

Dept of Interior
GE3 E57 No 100

Sci - Geophye
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Experimental Research into the
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RUSSIAN, per, Trudy Vses. Nauch
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NLL 9022.09 1964 (3438) (On Loan)

Aug 65

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Types of Energy Losses in a Reaction Motor
Turbine and Analytical Calculation of the Full
Scale Efficiency From That of the Model, by
N. M. Shchepanov.

RUSSIAN, per, Trudy Vsesoyuznogo Nauch Issled
Instituta Gidromashinostroyeniya, No 23, 1959,
pp 8-140.

NIL M. 2584

Sci - Engr

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Weight Distribution of the Ice Formation on
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E. P. Nikiforov.

RUSSIAN, per, Trudy Vses Nauch-Issled Inst
No 11, 1961, pp 274-289.

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NLL Ref: 9022.09 1964 (3437)
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On the Employment of Plasma Heating in
Welding Processes, by K. V. Vasil'yev.
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Issled Inst Avtogennoy Obrabotki Metallow,
No 8, 1962, pp 55-71.
•PTD-TT-64-1140

Sci - M/M
Oct 64

Milaushkin, P. F.
COMPARATIVE CHARACTERISTIC OF THE
PHYSICAL FEATURES OF DEVONIAN AND CAR-
BONIFEROUS DEPOSITS IN INDIVIDUAL CROSS
SECTIONS OF OIL-BEARING AND NON-OIL-BEAR-
ING REGIONS OF THE RUSSIAN PLATFORM
(Sravnitel'naya Kharakteristika Fizicheskikh Svoistv
Devonskikh i Karbonovnykh Otlozhenii v Otdel'nykh
Razrezakh Neftenosnykh i Nefteunosnykh Raionov
Russkoi Platformy) D. Shalikashvili, tr: Jul 63 [22p]
ACIC TC-663.
Order from OTS, SLA, or ETC \$2.60 TT-63-24349

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Geolog.-Razvedochnyi Institut.
Trudy (USSR) 1960, no. 163 [Geologicheskii Sbornik]
no. 5, p. 576-587.

DESCRIPTORS: "Economic geology, Structural
geology, Oils, Petrology, Geological survey, Geology,

TT-63-24349

- I. Title: Devonian system
- I. Milaushkin, P. F.
- II. ACIC TC-663
- III. Aeronautical Chart and
Information Center,
St. Louis, Mo.

(Earth Sciences--Geology,
TT, v. 11, no. 4)
Office of Technical Services

Milaushkin, P. P.
 FISSURED ROCKS AND THEIR PHYSICAL PROPERTIES (Treschinnovnye Porody i Ich Fizicheskie Svoystva) D. Shalikashvili, tr. Aug 63 [20p] Brefs
 ACIC TC-664.
 Order from OTS, SLA, or ETC \$1.60 TT-63-24350

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DESCRIPTORS: *Economic geology, *Rock (Geology), Carbonates, Porosity, Permeability, Oils, Deposits, Petrology, Geology, Structural geology.

The basic physical properties of fissured carbonate rocks were examined to explain the comparatively high initial discharges and considerable reserves of oil in (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-24350

- I. Milaushkin, P. P.
- II. ACIC TC-664
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Zdanovskii, A. B.
HETEROGENEOUS SALT EQUILIBRIA. [1953] 19p
Order from ATS \$22.50 ATS-58Q72R

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Inst. (Inst.) Khim. Fiz. (Study) (USSR) 1949, v. 21,
p. 335-358.

DESCRIPTORS: *Salts, Chemical compounds, *Chem-
ical equilibrium, Phase studies.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-64-12048

I. Zdanovskii, A. B.
II. ATS-58Q72R
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Services, Inc., East
Orange, N. J.

Office of Technical Services

The Most Advantageous Length of a Water
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RUSSIAN, per, Trudy Vsesoyuznogo Nauch-Issled
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No 23, 1959, pp 141-180.

DSIR LIJ RTS 1551

Sci -- Engr

Oct 60

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Paleomagnetic Study of Some Upper Cretaceous
Sections in the Western Foothills of the
Ferghana Range, by A. N. Shmeleva
RUSSIAN, per, Tr. Vses. n-1 Gostoptekh. i-1
(VNIIGRI), No 204, 1963, pp 212-219.
ILL Ref: 3546 (T 477 R)

Sci-Earth Sci
Aug 68

362,205

Oxidation of Cracked Gases. I, by V. V.
Pigulevskiy, L. I. Gulyayeva, 16 pp.

RUSSIAN, per, Trudy Vses Nauchno-Issledovatel'
Inst Khim Pererabotki Gazov, No 3, 1936,
pp 153-167.

Sci Tr Center RT-2835

OTS TT-63-20523(221P)

Scientific - Chemistry
Jan 56 CTS/dex

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PREPARATION OF AMYL ALCOHOLS FROM THE
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GASOLINE. 10p. 1 refs.
Order from OTS, SIA, or ETC \$1.10 TT-61-16838

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Insti-
itut Khimicheskoi Pererabotki Gazov. (Trudy) (USSR)
1933, v. 1, p. 102-111.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16838

I. Nazarov, S. A.
II. Remiz, E. K.
III. Khain, S. S.

Office of Technical Services

TT-61-16968

Moor, V. G., Dement'eva, M. I., Kanep, E. K.,
and Shilyaeva, A. V.
EXTRACTION OF 1,3-BUTADIENE FROM CRACKED
GASES. II. COMPARATIVE SOLUBILITIES OF
1,3-BUTADIENE AND BUTENES. [1961] 7p 3refs.
Order from OTS, SLA, or ETC \$1.10 TT-61-16968

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
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(USSR) 1935, v. 2, p. 157-164.

I. Moor, V. G.
II. Dement'eva, M. I.
III. Kanep, E. K.
IV. Shilyaeva, A. V.
V. Title: Comparative ...

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Dobryanski, A. P., Kanep, E. K., and Katsman, S. V.
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Order from: OTS, SLA, or ETC \$1.10 TT-61-16965

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Inst-
itut Khimicheskoi Fiziki i Mekh. (Trudy) (USSR)
1936, v. 3, p. 1-9.

TT-61-16965

I. Dobryanski, A. P.
II. Kanep, E. K.
III. Katsman, S. V.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

TT-61-18041

Dincaev, A. I., Eshevakaya, M. P. and Klabina,
T. S.
KINETICS OF VAPOR PHASE CRACKING OF OIL
PRODUCTS. I. DEPENDENCE OF THE DECOMPO-
SITION VELOCITY OF VARIOUS OIL PRODUCTS ON
TEMPERATURE. 8p Ilrefa
Order from OTS, SLA, or ETC \$1 10 TT-61-18041

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Institut Khimicheskoi Pererabotki Gruzov (Trudy)
(USSR) 1986, v. 13, p. 14-26.

I. Dincaev, A. I.
II. Eshevakaya, M. P.
III. Klabina, T. S.
IV. Title Dependence ..

(Materials - Fuels, TT, v. 12, no. 4)

Office of Technical Services

Moor, V. G., Dement'eva, M. I., and
Shilyaeva, L. V.
EXTRACTION OF 1,3-BUTADIENE FROM CRACKED
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[10p] 1ref.
Order from OTS, SLA, or ETC \$1.10 TT-61-16967

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(USSR) 1936, v. 3, p. 126-137.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16967

I. Moor, V. G.
II. Dement'eva, M. I.
III. Shilyaeva, L. V.
IV. Title: Extraction ...

Office of Technical Services

Oxidation of Unsaturated Hydrocarbons. II, by
V. V. Pigulevskiy, 7 pp.

RUSSIAN, per, Trudy Vses Naukno-Issledovatel'
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173.

Sci Tr Center RT-2838

Scientific - Chemistry
Jan 56 (TS/dex

30,204

Rudkovskii, D. M.
THE POSSIBILITY TO SYNTHETIZE AMINES FROM
AMMONIA AND OLEFINS. 30 Mar 45, 7p 4rufa.
Order from OTS, SLA, or ETC \$1.10 TT-60-18317

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Inst-
im Khimicheskoi Pererabotki Osnoy. (Trudy) (USSR)
1936, v. 3, p. 197-202.
Another trans. is available from ATS \$7.65 as
ATS-792542, 6p.

(Chemistry)--Organic, TT, v. 12, no. 4)

TT-60-18317

I. Rudkovskii, D. M.

Office of Technical Services

Kinetics of Isopropylation of Phenol, by
I. G. Gakh, by Ye. B. Rabin.

RUSSIAN, per, Trudy Vses n-i Inst Khim Reakt
(Sob Khim Veshch, No 2, 1964, pp 172-181.
III, Ref:5828.4P (M.13412)

Sci-Chem
Feb 70

401,489

Koler, D. K.
ACTION OF MOLTEN CAUSTIC ALKALI ON DICHLOROETHANE. 7p 1ref.
Order from OTS, SLA, or ETC \$1.10 TT-61-16834

Trava. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut Khimicheskoi Pererabotki Gazov. (Gudy)
(USSR) 1956, v. 3, p. 305-311.

TT-61-16834

I. Koler, D. K.

(Chemistry--Organic, TT, v. 12, no. 4)

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Damped Vibrations in Machinery, by S. I.
Sergeyev, 26 pp.

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Institut Kislorodnogo Mash, Vol I, 1956, pp 89-
101.

SLA 60-18343

203,522

Sci

Jun 12 62

The NZhK-7 Liquid-Oxygen Pump, by
Yu. A. Karoslavskaya. 5 pp.
RUSSIAN, per, Trudy Vsesoyuznyy Nauchno-Issle-
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stroeniya, No 4, 1961, pp 38-42.
AIR/ED/HT-23-1450-67

Sci/Mechan Engr
Feb 69

375,496

The KTR-7 Oxygen Turbocompressor, by
A. M. Gorshkov, V. M. Grushevskiy. 22 pp.
RUSSIAN, per, Trudy Vsesoyuzniy Nauchno-Issle-
dovatel'skiy Institut Kislorodnogo Mashino-
stroeniya, No 4, 1961, pp 41-64.
AIR/FTD/II-23-1450-67

Sci/Mechan Engr
Feb 69

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The KPIG-6 Piston-Type Oxygen Compressor, by
I. A. Alekseyev, K. S. Butkevich. 25 pp.
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ALT/FTD/IT-23-1450-67

Sci/Mechan Engr
Feb 69

375,498

Freezing - Out of Moisture and Carbon Dioxide in
Tubular Heat Exchangers, by G. V. Vasyunina,
L. S. Akser' Rod. 36 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled * Inst Kislorod-
nogo Mash "Apprarty i Mashiny Kislorodnykh Ustanovok"
/Equipment for Oxygen Installation/ No 4, 1961,
pp 184-207. 963 2072.

FTD-TT-63-320

Sci-Engr
Mar 63

Study of Measures for Controlling Pests of
Peasants, by A. I. Serebryakov.

RUSSIAN, per, Trudy Vsesoyuznogo Nauchno Issled Inst
Konditerskoi Promyshl, No 10, 1954, pp 43-48.
CIA D 507521

UEDA

UESR
Economic - Agriculture

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Jun 56 CTB/dex

Rational Technological Scheme for Production of
Citric Acid From Molasses, by E. I. Zhuravlova,
D. G. Grinfel'd, R. YA. Karklin'sh.

RUSSIAN, per, Trudy, Vsesoyuznaya Nauchno-Issledovatskaya
Prom, Vol XI, 1955, pp 129-135. CIA D 9005080

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Sci - Biol

37,645

May 57

New Technology for the Preparation of Seeding
Material for the Production of Citric Acid, by
L. V. Havosalova, A. V. Shilova, A. A. Rumba.

RUSSIAN, per, Trudy, Vses Nauch-Issled Inst
Kardi Prcm, Vol XI, 1955, pp 136-139. CIA D
9005079

USDA

Sci - Biol

May 57

87, 644

Zhuravleva, E. I.
PREPARATION OF MOLASSES FOR CITRIC ACID
FERMENTATION (Podgotovka Melassy k Limonnokis-
lomu Bzozheniyu) tr. by G. Belkov. 1962. 23p. 9 refs.
NRCC Technical Trans. 1015.
Order from NRCC \$1.50

NRCC C-3960

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii In-
stitut Kvaliteta Promyshlennosti. Trudy (USSR)
1958, v. 12, p. 20-32.

DESCRIPTORS: Preparation, *Citric acids, *Fermen-
tation, Potassium, Iron, Cyanides, Fungi

(Biological Sciences--Biochemistry, TT, v. 8, no. 8)

62-17242

- I. Title: Molasses
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- II. NRCC TT-1015
- III. NRCC C-3960
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NRC/Ref: C-3980

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DESCRIPTORS: *Zinc, *Citric acids, *Fermentation,
Fungi, Cyanides, Iron compounds.

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